



Burnsville Stormwater Retrofit Study

These are of some of the 17 rain gardens installed in spring 2003 in a residential neighborhood of Burnsville, MN.

“After” pictures were taken in August and September of 2004. Containerized planting stock was used, providing for rapid plant establishment.

Curb cuts route street runoff into the rain gardens. The gardens are designed to infiltrate runoff from a 1” rainfall event.

Runoff data are being collected from the rain garden watershed and an adjacent control watershed that does not have rain gardens. Preliminary data show the rain gardens reduce stormwater runoff volume by 82%.

The study worked closely with residents to generate neighborhood support and to develop designs that met homeowner needs and tastes.

The study is coordinated by Leslie Yetka, Water Resources Specialist, City of Burnsville, MN. Leslie can be contacted at 952-895-4518.

Engineering and landscape design were provided by Barr Engineering, Minneapolis, MN.

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